PTO/SB/05 (11-00)

Please type a plus sign (+) inside this box U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. UTILITY PATENT APPLICATION

TRANSMITTAL

678-609 (P9623) Attorney Docket No. Won-Kyung Kim First Inventor

Approved for use through 10/31/2002 OMB 0651-0032

Radio Frequency Receiver in a Mobile Telephone

(Only for new nonprovisi	onal applications under 37 CFR 1.53	(b)) E	Express N	∕lail Label No	EL77682	217951	IJS
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.			ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Workington, DC 20224				
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages 8] - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention			Washington, DC 20231 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ji. paper c. Statements verifying identity of above copies				
 Brief Descripti 	on of the Drawings (if filed)	/	AC	COMPANYII	NG APPL	ICAT	ION PARTS
- Detailed Description - Claim(s) - Abstract of the 4.	ription a Disclosure J.S.C. 113) [Total Sheets 3 [Total Pages 2 cuted (original or copy) a prior application (37 CFR 1.63 (d)) ation/divisional with Box 18 complete FION OF INVENTOR(S) atement attached deleting inventor(s) the prior application, see 37 CFR and 1 33(b). a Sheet. See 37 CFR 1.76 ICATION, check appropriate box, an eet under 37 CFR 1.76:	,	9.	Assignment Pa 37 CFR 3.73(t (when there is English Transi Information Di Statement (ID: Preliminary Ar Return Receip (Should be spe Certified Copy (if foreign prio Request and 0 (b)(2)(B)(i). Ap or its equivale Other:	apers (cover an assigne lation Docur sclosure S)/PTO-144 mendment of Postcard ecifically ited of Priority I with is claims Certification oplicant muse nt.	sheet t e) ment (if g) (MPEP mized) Documed) under t attack	& document(s)) Power of Attorney fapplicable) Copies of IDS Citations 503) ent(s) 35 U.S.C. 122 n form PTO/SB/35
Continuation	Divisional Continuation-in-part	(CIP)	of pri	or application No	/		
For CONTINUATION OR DIVIS Box 5b, is considered a part of	Prior application information: Examiner Group Art Unit For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
	19. CORRESP	ONDEN	E ADDRES	SS			
Customer Number or Bar Code Label (Inselt Customer No, or Altach barcode label here) Or Correspondence address below							
Name	Paul J. Farrell						
0.44	DILWORTH & BARRESE, LLP						
<u>Address</u>	333 Earle Ovington Blvd.		1				т
City	Uniondale	St	ate Ne	w York	Zip	Code	11553
Country	U.S.A	Teleph	one (51	6) 228-8484	F	ax	(516) 228-8516
Name (Print/Type)	Peter G. Dilworth		Registra	tion No. (Attor	ney/Agent	26,4	50
Signature	Ster V. XI	lin	oth		Date	4/24	/01
	CERTIFICATION UNDER	37 C F R	8 1 10			-1	

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL776821795US addressed on Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: April 24, 2001

lichael J. Musella

PTO/SB/17 (11-00)
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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYME	NT
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(\$) 750.00

Complete if Known				
Application Number				
Filing Date				
First Named Inventor	Won-Kyung Kim			
Examiner Name				
Group Art Unit				
Attorney Docket No.	678-609 (P9623)			

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)				
1. X The Commissioner is hereby authorized to charge indicated feed and results are approximately accommodately accommodately.	3. ADDITIONAL FEES				
indicated fees and credit any overpayments to: Deposit	Large Entity Small Entity Fee	ļ			
Account [04-1121	Code (\$) Code (\$) Fee Description Fe	e Paid			
Number Deposit	105 130 205 65 Surcharge - late filing fee or oath				
Account Name DILWORTH & BARRESE, LLP	127 50 227 25 Surcharge - late provisional filing fee or cover sheet				
Charge Any Additional Fee Required Under 37 CFR 1 16 and 1.17	139 130 139 130 Non-English specification				
Applicant claims small entity status.	147 2,520 147 2,520 For filing a request for ex parte reexamination				
See 37 CFR 1.27 2. X Payment Enclosed:	112 920* 112 920* Requesting publication of SIR prior to Examiner action				
2. X Payment Enclosed: X Check Credit card Money Order Other	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action				
FEE CALCULATION	115 110 215 55 Extension for reply within first month				
	116 390 216 195 Extension for reply within second month				
1. BASIC FILING FEE Large Entity Small Entity	117 890 217 445 Extension for reply within third month				
Fee Fee Fee Fee Description	118 1,390 218 695 Extension for reply within fourth month				
Code (\$) Code (\$) Fee Paid 101 710 201 355 Utility filing fee	128 1,890 228 945 Extension for reply within fifth month				
\$710.00	119 310 219 155 Notice of Appeal				
	120 310 220 155 Filing a brief in support of an appeal				
107 490 207 245 Plant filing fee 108 710 208 355 Reissue filing fee	121 270 221 135 Request for oral hearing				
	138 1,510 138 1,510 Petition to institute a public use proceeding				
114 150 214 75 Provisional filing fee	140 110 240 55 Petition to revive - unavoidable				
SUBTOTAL (1) (\$) 710.00	141 1,240 241 620 Petition to revive - unintentional				
2. EXTRA CLAIM FEES	142 1,240 242 620 Utility issue fee (or reissue)				
Fee from Ext <u>ra Claims below</u> Fee Paid	143 440 243 220 Design issue fee				
Total Claims $2 -20^{++} = 0 \times 18 = 0	144 600 244 300 Plant issue fee				
Independent $1 - 3^{**} = 0 \times 80 = 0$	122 130 122 130 Petitions to the Commissioner				
Multiple Dependent 270 = 0	123 50 123 50 Processing fee under 37 CFR 1 17(g)				
**or number previously paid, if greater, For Reissues, see below	126 240 126 240 Submission of Information Disclosure Stmt				
Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties) \$40				
103 18 203 9 Claims in excess of 20	146 710 246 355 Filing a submission after final rejection				
102 80 202 40 Independent claims in excess of 3	(37 ČFR § 1 129(a))				
104 270 204 135 Multiple dependent claim, if not paid	149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))				
109 80 209 40 ** Reissue independent claims over original patent	179 710 279 355 Request for Continued Examination (RCE)				
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	169 900 169 900 Request for expedited examination of a design application				
Other fee (specify)					
SUBTOTAL (2) (\$) 0.00 • Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00					
SUBMITTED BY	Complete (if applicable)	==			
lame (PrintiType) Peter G. Pilworth Registration No. (Attornev/Agent) 26,450 Telephone (516) 228-8484					

CERTIFICATION UNDER 37 C.F.R. § 1.10

Date

4/24/01

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL776821795US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 2028

Dated: April 24, 2001

Signature

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents
Washington, D.C. 20231

UTILITY APPLICATION FEE TRANSMITTAL

Sir:				
Transmitted herewith for filing is the patent application of				
Inventor(s):	Won-Kyung Kim			
For:	RADIO FREQUENCY RECEIVER IN A MOBILE TELEPHONE			
Enclosed are	Enclosed are:			
[X] <u>6</u>	page(s) of specification			
[X] <u>1</u>	page(s) of Abstract			
[X] <u>1</u>	page(s) of claims			
[X] <u>3</u>	sheets of drawings [X] formal [] informal			
[X] <u>2</u>	page(s) of Declaration and Power of Attorney			
[X] An Assignment of the invention to <u>Samsung Electronics Co., Ltd.</u>				
	CERTIFICATION UNDER 37 C.F.R. § 1.10			
I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date <u>April 24, 2001</u> in an envelope as "Express Mail Post Office to Addressee" Mail Label Number <u>EL776821795US</u> addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.				

Michael I. Musella
(Typelor print name of person mailing paper)
(Signature of person mailing paper)

[]	This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s).:				
	APPLICATION NO	(S).:	FILING DATE		

[X]	Certified copy of appl	ications			
Cou	intry	Appln. No.	<u>Filed</u>		
Kor	22	2000-27795	May 23, 2000		

from which priority under Title 35 United States Code, § 119 is claimed [] is enclosed.

[X] will follow.

CALCULATION OF UTILITY APPLICATION FEE

For	Number Filed	Number Extra	Rate	Basic Fee \$710.00
TOTAL CLAIMS	2	0	x 18 =	\$0
INDEPENDENT CLAIMS	1	0	x 80 =	\$0
[] Multiple Dep. Claim	0		270	\$0
		TOTAL\$710.00		

[] Verified Statement of "Small Entity" Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith §.

^{*}Includes all independent and single dependent claims and all claims referred to in multiple claims. See 37 C.F.R. § 1.75(c).

- [X] The amount of \$40.00 for recording the attached Assignment is enclosed as a separate check.
- [X] Two checks in the amount of \$710.00 & \$40.00 to cover the [X] recording, [X] filing fee(s) are attached.
- [] Charge fee to Deposit Account No. 04-1121. Order No. _____
 TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.
- [X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: April 24, 2001

Peter G. Dilworth Reg. No. 26,450

DILWORTH & BARRESE 333 Earle Ovington Blvd. Uniondale, NY 11553 Tel. No. (516) 228-8484 Fax. (516) 228-8516